

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Guorong Vera Zhuang	11/10/2008
Steven R. Spielman	11/12/2008
Leonid Poslavsky	11/19/2008
Daniel C. Wack	11/10/2008
John Fielden	11/18/2008
RECEIVING PARTY DATA	
Name:	KLA-TENCOR CORPORATION
Street Address:	160 RIO ROBLES
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12275078
CORRESPONDENCE DATA	
Fax Number:	(510)668-0239
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	510-668-0965
Email:	contact@jdipatent.com
Correspondent Name:	Joshua D. Isenberg
Address Line 1:	809 Corporate Way
Address Line 4:	Fremont, CALIFORNIA 94539
ATTORNEY DOCKET NUMBER:	KLA-P2793/US
NAME OF SUBMITTER:	JOSHUA D. ISENBERG

OP \$40.00 12275078

**500710957**

**PATENT**  
**REEL: 021870 FRAME: 0384**

**Total Attachments: 5**

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## ASSIGNMENT

THIS ASSIGNMENT, by **GUORONG VERA ZHUANG, STEVEN R. SPIELMAN, LEONID POSLAVSKY, DANIEL C. WACK, and JOHN FIELDEN** (hereinafter referred to as the Assignors), residing at **Santa Clara, California, Oakland, California, Belmont, California, Los Altos Hills, California, and Los Altos, California**, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

### **BRIGHT AND DARK FIELD SCATTEROMETRY SYSTEMS FOR LINE ROUGHNESS METROLOGY**

which are described in an application for letters patent having the above title and Attorney Docket Number.

Said Assignors hereby authorize and request their attorney, Joshua D. Isenberg, of 809 Corporate Way, Fremont, California, to insert here in parentheses (Application number 12/275,073, filed Nov. 20, 2008) the filing date and application number of said application when known. *JDI*

WHEREAS,

### **KLA-Tencor Corporation**

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **DELAWARE**, and having offices at **160 RIO ROBLES, SAN JOSE, CALIFORNIA 95134**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.
2. Said Assignors jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignor in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

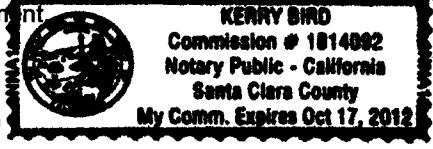
IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: 11/10/2008

State of California )  
County of ) ss. GUORONG VERA ZHUANG

On this 10 day of Nov., in the year 2008, before me, Kerry Bird, Notary Public,  
personally appeared Guorong Vera Zhuang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Bird (SEAL) 

Date: \_\_\_\_\_

State of California )  
County of ) ss. STEVEN R. SPIELMAN

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2008, before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_ (SEAL)

Date: \_\_\_\_\_

State of California )  
County of ) ss. LEONID POSLAVSKY

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2008, before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_ (SEAL)

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: \_\_\_\_\_

State of California )  
County of \_\_\_\_\_ ) ss. **GUORONG VERA ZHUANG**

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2008, before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me (or proved  
to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_ (SEAL)

Date: 2008-11-12

State of California )  
County of Alameda ) ss. Steve Spielman  
**STEVEN R. SPIELMAN**

On this 12th day of NOVEMBER, in the year 2008, before me, CHARLES D. DELWITT, Notary Public,  
personally appeared STEVEN R. SPIELMAN, personally known to me (or proved  
to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal. SEE ATTACHED California Acknowledgment for Notarization

Notary Signature \_\_\_\_\_ (SEAL)

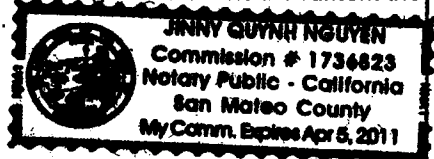
Date: 11/19/2009

State of California )  
County of San Mateo ) ss. Leonid Poslavsky  
**LEONID POSLAVSKY**

On this 19 day of November, in the year 2008, before me, Jinny Quynh Nguyen, Notary Public,  
personally appeared Leonid Poslavsky, personally known to me (or proved  
to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Jinny Quynh Nguyen (SEAL)



## ACKNOWLEDGMENT

State of California  
County of ALAMEDA

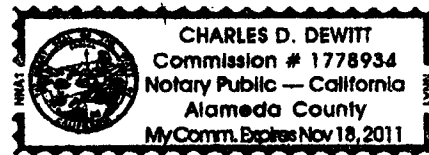
On NOVEMBER 12, 2008 before me, CHARLES D. DEWITT, Notary Public  
(insert name and title of the officer)

personally appeared STEVEN R. SPIELMAN,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Charles D. Dewitt (Seal)



INSTRUMENT: ASSIGNMENT Re: Docket No. KLA-P2793/45  
3 page document

Date: Nov 10, 2008 Daniel C. Wack  
 State of California )  
 County of San Mateo ) ss.  
 On this 10 day of November, in the year 2008, before me, Jinny Quynh Nguyen,  
 personally appeared Daniel C. Wack, personally known to me (or proved  
 to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
 acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the  
 person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Jinny

**NOTARY PUBLIC**  
 Commission # 1736623  
 Notary Public - California  
 San Mateo County  
 My Comm. Expires Apr 5, 2011

**NGUYEN**  
 Commission # 1736623  
 Notary Public - California  
 San Mateo County  
 My Comm. Expires Apr 5, 2011

(SEAL)

Date: Nov 18, 2008 John Fielden  
 State of California )  
 County of San Mateo ) ss.  
 On this 18 day of November, in the year 2008, before me, Jinny Quynh Nguyen, Notary Public,  
 personally appeared John Fielden, personally known to me (or proved  
 to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
 acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the  
 person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Jinny

**NOTARY PUBLIC**  
 Commission # 1736623  
 Notary Public - California  
 San Mateo County  
 My Comm. Expires Apr 5, 2011

**NGUYEN**  
 Commission # 1736623  
 Notary Public - California  
 San Mateo County  
 My Comm. Expires Apr 5, 2011

(SEAL)